

10513286

=> d his

(FILE 'HOME' ENTERED AT 12:03:31 ON 06 OCT 2008)

FILE 'CAPLUS' ENTERED AT 12:03:45 ON 06 OCT 2008

L1 1 S US20060121530/PN
SEL L1 RN
L2 16195 S E1-E209
L3 ANALYZE L1 1- RN : 209 TERMS

FILE 'REGISTRY' ENTERED AT 12:06:33 ON 06 OCT 2008

L4 1 S 140846-93-1/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:07:01 ON 06 OCT 2008

L5 1 S 14246-53-8/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:07:28 ON 06 OCT 2008

L6 1 S 14576-66-0/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:07:51 ON 06 OCT 2008

L7 1 S 185114-52-7/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:09:29 ON 06 OCT 2008

L8 1 S 2016-57-1/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:10:20 ON 06 OCT 2008

L9 1 S 24621-73-6/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:10:49 ON 06 OCT 2008

L10 1 S 282526-04-9/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:11:19 ON 06 OCT 2008

L11 1 S 282526-16-3/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:12:20 ON 06 OCT 2008

L12 1 S 43095-05-2/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

FILE 'REGISTRY' ENTERED AT 12:12:47 ON 06 OCT 2008

L13 1 S 5231-87-8/RN
SET NOTICE 1 DISPLAY

10513286

SET NOTICE LOGIN DISPLAY

L14 FILE 'REGISTRY' ENTERED AT 12:13:16 ON 06 OCT 2008
1 S 609361-21-9/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

L15 FILE 'REGISTRY' ENTERED AT 12:14:19 ON 06 OCT 2008
1 S 609361-22-0/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

L16 FILE 'REGISTRY' ENTERED AT 12:14:42 ON 06 OCT 2008
1 S 609361-50-4/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

L17 FILE 'REGISTRY' ENTERED AT 12:15:13 ON 06 OCT 2008
1 S 61652-81-1/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

L18 FILE 'REGISTRY' ENTERED AT 12:15:40 ON 06 OCT 2008
1 S 617-65-2/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

L19 FILE 'REGISTRY' ENTERED AT 12:16:41 ON 06 OCT 2008
1 S 620623-17-8/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

L20 FILE 'CAPLUS' ENTERED AT 12:17:00 ON 06 OCT 2008
2 S L19

L21 FILE 'REGISTRY' ENTERED AT 12:18:08 ON 06 OCT 2008
1 S 620624-86-4/RN
SET NOTICE 1 DISPLAY
SET NOTICE LOGIN DISPLAY

L22 FILE 'CAPLUS' ENTERED AT 12:18:18 ON 06 OCT 2008
3 S L21

=> d stat que

L21 1 SEA FILE=REGISTRY ABB=ON PLU=ON 620624-86-4/RN

L22 3 SEA FILE=CAPLUS ABB=ON PLU=ON L21

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=> d his full

(FILE 'HOME' ENTERED AT 08:17:15 ON 09 OCT 2008)

FILE 'REGISTRY' ENTERED AT 08:17:27 ON 09 OCT 2008

L1 1 SEA ABB=ON PLU=ON 135877-15-5/RN
D

FILE 'CAPLUS' ENTERED AT 08:17:50 ON 09 OCT 2008

L2 1 SEA ABB=ON PLU=ON L1
D BIB ABS HITSTR

FILE 'STNGUIDE' ENTERED AT 08:18:41 ON 09 OCT 2008

FILE 'REGISTRY' ENTERED AT 08:24:22 ON 09 OCT 2008

L3 STRUCTURE UPLOADED
L4 9 SEA SSS SAM L3
L5 202 SEA SSS FUL L3

FILE 'CAPLUS' ENTERED AT 08:25:23 ON 09 OCT 2008

L6 2 SEA ABB=ON PLU=ON L5
D BIB ABS 1-2

FILE 'REGISTRY' ENTERED AT 08:29:52 ON 09 OCT 2008

L7 STRUCTURE UPLOADED
D

L8 8 SEA SSS SAM L7
L9 113 SEA SSS FUL L7

FILE 'CAPLUS' ENTERED AT 08:30:16 ON 09 OCT 2008

L10 2 SEA ABB=ON PLU=ON L9
D BIB ABS 1-2

FILE 'STNGUIDE' ENTERED AT 08:30:55 ON 09 OCT 2008

FILE 'REGISTRY' ENTERED AT 08:34:39 ON 09 OCT 2008

L11 STRUCTURE UPLOADED
D

L12 0 SEA SSS SAM L11
L13 2 SEA SSS FUL L11

FILE 'CAPLUS' ENTERED AT 08:35:04 ON 09 OCT 2008

L14 0 SEA ABB=ON PLU=ON L13

FILE 'REGISTRY' ENTERED AT 08:35:14 ON 09 OCT 2008

D L14
D L13
D L13 2

FILE 'STNGUIDE' ENTERED AT 08:37:15 ON 09 OCT 2008

FILE 'REGISTRY' ENTERED AT 08:39:31 ON 09 OCT 2008

L15 SCREEN 1993
L16 STRUCTURE UPLOADED
L17 QUE ABB=ON PLU=ON L16 AND L15
D
L18 0 SEA SSS SAM L16 AND L15
L19 8 SEA SSS FUL L16 AND L15

10513286

D SCAN

FILE 'STNGUIDE' ENTERED AT 08:42:26 ON 09 OCT 2008

FILE 'REGISTRY' ENTERED AT 08:44:55 ON 09 OCT 2008
L20 STRUCTURE UPLOADED
L21 51 SEA SSS FUL L20

FILE 'CAPLUS' ENTERED AT 08:45:38 ON 09 OCT 2008
L22 5 SEA ABB=ON PLU=ON L21
D BIB ABS HITSTR 1-5

FILE 'STNGUIDE' ENTERED AT 08:49:53 ON 09 OCT 2008

FILE 'REGISTRY' ENTERED AT 08:56:45 ON 09 OCT 2008
L23 STRUCTURE UPLOADED
L24 12 SEA SSS FUL L23

FILE 'CAPLUS' ENTERED AT 08:57:42 ON 09 OCT 2008
L25 17 SEA ABB=ON PLU=ON L24
L26 17 SEA ABB=ON PLU=ON L25 AND PY<=2003
D BIB ABS HITSTR 1-17

FILE 'STNGUIDE' ENTERED AT 08:58:44 ON 09 OCT 2008

FILE 'REGISTRY' ENTERED AT 09:07:03 ON 09 OCT 2008
L27 STRUCTURE UPLOADED
L28 8 SEA SSS FUL L27
D SCAN

FILE 'CAPLUS' ENTERED AT 09:09:51 ON 09 OCT 2008
L29 6 SEA ABB=ON PLU=ON L28
D BIB ABS HITSTR 1-6

FILE 'REGISTRY' ENTERED AT 09:18:55 ON 09 OCT 2008
L30 STRUCTURE UPLOADED
D
L31 9 SEA SSS FUL L30

FILE 'CAPLUS' ENTERED AT 09:19:35 ON 09 OCT 2008
L32 7 SEA ABB=ON PLU=ON L31
D BIB ABS HITSTR 1-7

FILE 'REGISTRY' ENTERED AT 09:22:43 ON 09 OCT 2008
L33 STRUCTURE UPLOADED
L34 12 SEA SSS FUL L33

FILE 'CAPLUS' ENTERED AT 09:23:07 ON 09 OCT 2008
L35 17 SEA ABB=ON PLU=ON L34
D BIB ABS HITSTR 1-17

FILE 'STNGUIDE' ENTERED AT 09:24:33 ON 09 OCT 2008

FILE 'REGISTRY' ENTERED AT 09:29:01 ON 09 OCT 2008
L36 STRUCTURE UPLOADED
D
L37 2 SEA SSS SAM L36
L38 95 SEA SSS FUL L36
L39 0 SEA ABB=ON PLU=ON L38 AND PY<=2003

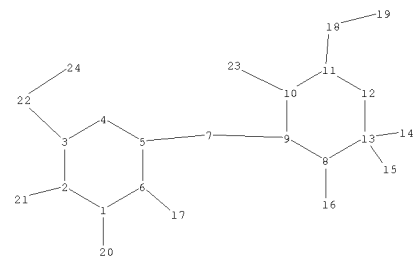
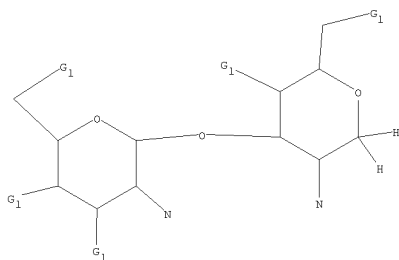
10513286

FILE 'CAPLUS' ENTERED AT 09:31:11 ON 09 OCT 2008
L40 7 SEA ABB=ON PLU=ON L38
L41 7 SEA ABB=ON PLU=ON L40 AND PY<=2003
D BIB ABS HITSTR 1-7

FILE 'STNGUIDE' ENTERED AT 09:34:06 ON 09 OCT 2008

FILE 'REGISTRY' ENTERED AT 09:37:03 ON 09 OCT 2008
L42 STRUCTURE UPLOADED
D
L43 15 SEA SSS FUL L42

FILE 'CAPLUS' ENTERED AT 09:38:36 ON 09 OCT 2008
L44 6 SEA ABB=ON PLU=ON L43
D BIB ABS HITSTR 1-6



chain nodes :

7 14 15 16 17 18 19 20 21 22 23 24

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13

chain bonds :

1-20 2-21 3-22 5-7 6-17 7-9 8-16 10-23 11-18 13-14 13-15 18-19 22-24

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13

exact/norm bonds :

1-2 1-6 1-20 2-3 2-21 3-4 4-5 5-6 5-7 6-17 7-9 8-9 8-13 8-16 9-10 10-11 10-23
11-12 12-13 18-19 22-24

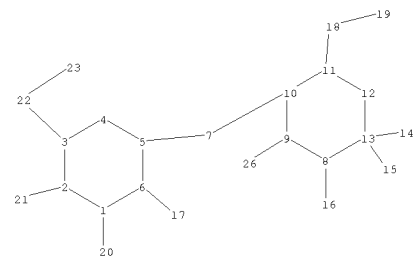
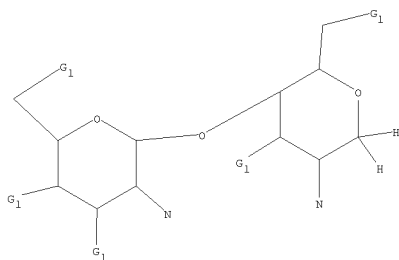
exact bonds :

3-22 11-18 13-14 13-15

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS



chain nodes :

7 14 15 16 17 18 19 20 21 22 23 26

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13

chain bonds :

1-20 2-21 3-22 5-7 6-17 7-10 8-16 9-26 11-18 13-14 13-15 18-19 22-23

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13

exact/norm bonds :

1-2 1-6 1-20 2-3 2-21 3-4 4-5 5-6 5-7 6-17 7-10 8-9 8-13 8-16 9-10 9-26 10-11
11-12 12-13 18-19 22-23

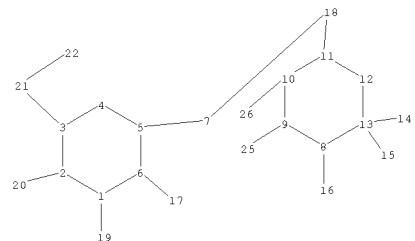
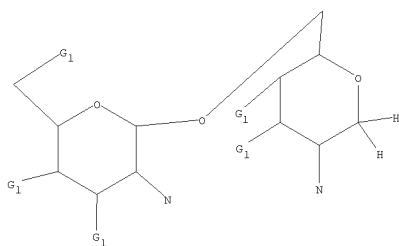
exact bonds :

3-22 11-18 13-14 13-15

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 26:CLASS



```

chain nodes :
  7 14 15 16 17 18 19 20 21 22 25 26
ring nodes :
  1 2 3 4 5 6 8 9 10 11 12 13
chain bonds :
  1-19 2-20 3-21 5-7 6-17 7-18 8-16 9-25 10-26 11-18 13-14 13-15 21-22
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
  1-2 1-6 1-19 2-3 2-20 3-4 4-5 5-6 5-7 6-17 7-18 8-9 8-13 8-16 9-10 9-25 10-11
  10-26 11-12 12-13 21-22
exact bonds :
  3-21 11-18 13-14 13-15

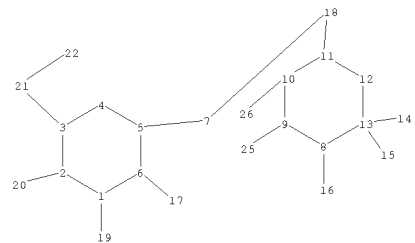
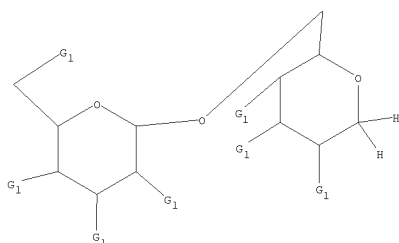
```

G1:O,N

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 25:CLASS 26:CLASS

```

```

chain nodes :
  7 14 15 16 17 18 19 20 21 22 25 26
ring nodes :
  1 2 3 4 5 6 8 9 10 11 12 13
chain bonds :
  1-19 2-20 3-21 5-7 6-17 7-18 8-16 9-25 10-26 11-18 13-14 13-15 21-22
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
  1-2 1-6 1-19 2-3 2-20 3-4 4-5 5-6 5-7 6-17 7-18 8-9 8-13 8-16 9-10 9-25 10-11
  10-26 11-12 12-13 21-22
exact bonds :
  3-21 11-18 13-14 13-15

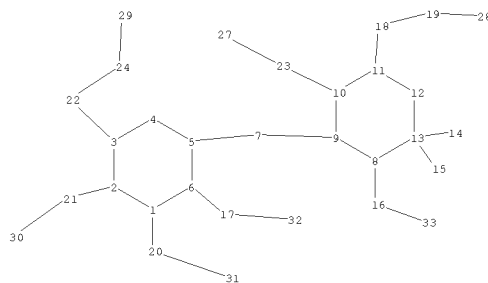
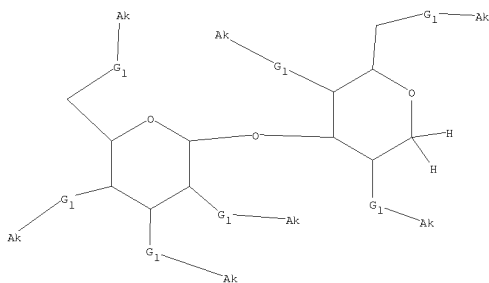
```

G1:O,N

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 25:CLASS 26:CLASS

```



chain nodes :

7 14 15 16 17 18 19 20 21 22 23 24 27 28 29 30 31 32 33

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13

chain bonds :

1-20 2-21 3-22 5-7 6-17 7-9 8-16 10-23 11-18 13-14 13-15 16-33 17-32 18-19 19-28
20-31 21-30 22-24 23-27 24-29

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13

exact/norm bonds :

1-2 1-6 1-20 2-3 2-21 3-4 4-5 5-6 5-7 6-17 7-9 8-9 8-13 8-16 9-10 10-11 10-23
11-12 12-13 16-33 17-32 18-19 19-28 20-31 21-30 22-24 23-27 24-29

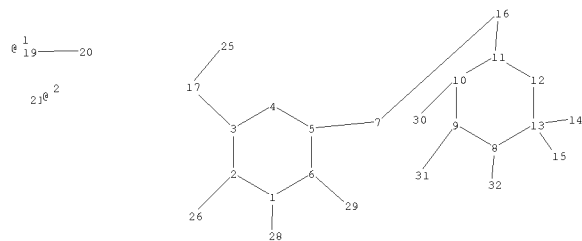
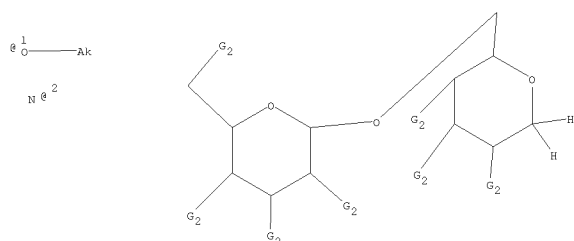
exact bonds :

3-22 11-18 13-14 13-15

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS
32:CLASS 33:CLASS



```

chain nodes :
  7 14 15 16 17 19 20 21 25 26 28 29 30 31 32
ring nodes :
  1 2 3 4 5 6 8 9 10 11 12 13
chain bonds :
  1-28 2-26 3-17 5-7 6-29 7-16 8-32 9-31 10-30 11-16 13-14 13-15 17-25 19-20
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
  1-2 1-6 1-28 2-3 2-26 3-4 4-5 5-6 5-7 6-29 7-16 8-9 8-13 8-32 9-10 9-31 10-11
  10-30 11-12 12-13 17-25 19-20
exact bonds :
  3-17 11-16 13-14 13-15

```

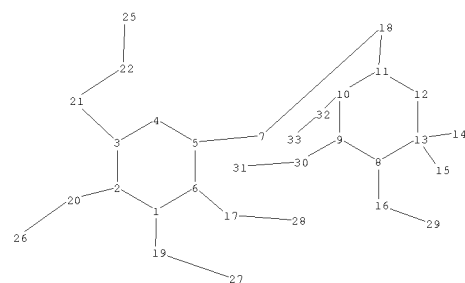
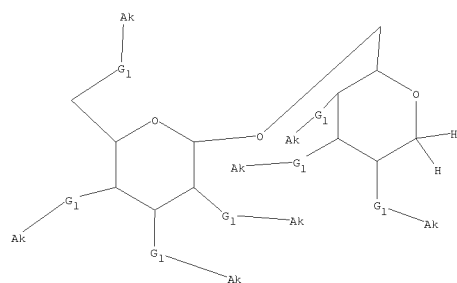
G1:O,N

G2:[*1],[*2]

```

Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
  12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS
  25:CLASS 26:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS

```



chain nodes :

7 14 15 16 17 18 19 20 21 22 25 26 27 28 29 30 31 32 33

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13

chain bonds :

1-19 2-20 3-21 5-7 6-17 7-18 8-16 9-30 10-32 11-18 13-14 13-15 16-29 17-28 19-27
20-26 21-22 22-25 30-31 32-33

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13

exact/norm bonds :

1-2 1-6 1-19 2-3 2-20 3-4 4-5 5-6 5-7 6-17 7-18 8-9 8-13 8-16 9-10 9-30 10-11
10-32 11-12 12-13 16-29 17-28 19-27 20-26 21-22 22-25 30-31 32-33

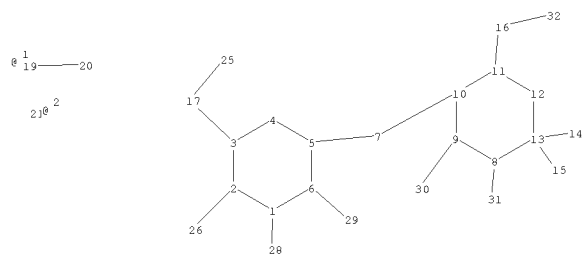
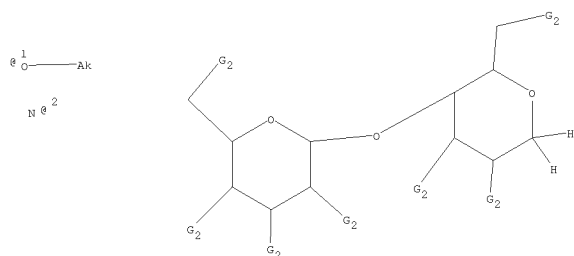
exact bonds :

3-21 11-18 13-14 13-15

G1:O,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS
32:CLASS 33:CLASS



```

chain nodes :
  7 14 15 16 17 19 20 21 25 26 28 29 30 31 32
ring nodes :
  1 2 3 4 5 6 8 9 10 11 12 13
chain bonds :
  1-28 2-26 3-17 5-7 6-29 7-10 8-31 9-30 11-16 13-14 13-15 16-32 17-25 19-20
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
  1-2 1-6 1-28 2-3 2-26 3-4 4-5 5-6 5-7 6-29 7-10 8-9 8-13 8-31 9-10 9-30 10-11
  11-12 12-13 16-32 17-25 19-20
exact bonds :
  3-17 11-16 13-14 13-15

```

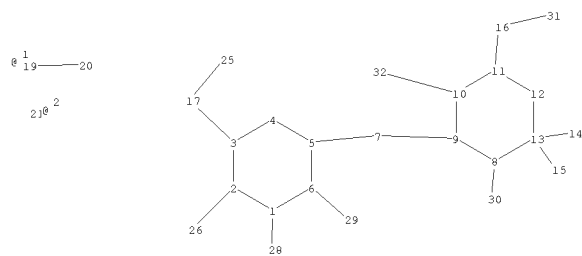
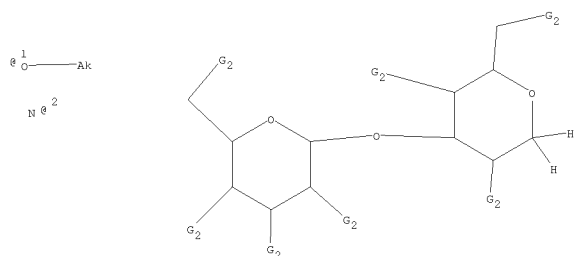
G1:O,N

G2:[*1],[*2]

```

Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
  12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS
  25:CLASS 26:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS

```



```

chain nodes :
  7 14 15 16 17 19 20 21 25 26 28 29 30 31 32
ring nodes :
  1 2 3 4 5 6 8 9 10 11 12 13
chain bonds :
  1-28 2-26 3-17 5-7 6-29 7-9 8-30 10-32 11-16 13-14 13-15 16-31 17-25 19-20
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
  1-2 1-6 1-28 2-3 2-26 3-4 4-5 5-6 5-7 6-29 7-9 8-9 8-13 8-30 9-10 10-11 10-32
  11-12 12-13 16-31 17-25 19-20
exact bonds :
  3-17 11-16 13-14 13-15

```

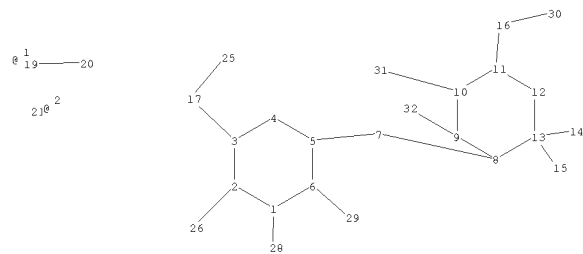
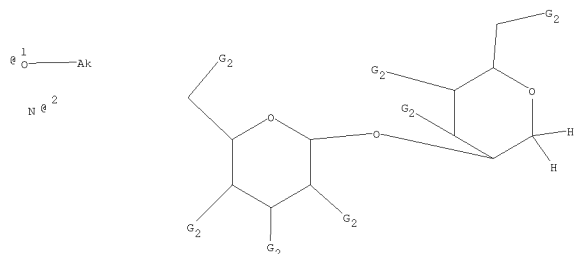
G1:O,N

G2:[*1],[*2]

```

Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
  12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS
  25:CLASS 26:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS

```



```

chain nodes :
  7 14 15 16 17 19 20 21 25 26 28 29 30 31 32
ring nodes :
  1 2 3 4 5 6 8 9 10 11 12 13
chain bonds :
  1-28 2-26 3-17 5-7 6-29 7-8 9-32 10-31 11-16 13-14 13-15 16-30 17-25 19-20
ring bonds :
  1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13
exact/norm bonds :
  1-2 1-6 1-28 2-3 2-26 3-4 4-5 5-6 5-7 6-29 7-8 8-9 8-13 9-10 9-32 10-11 10-31
  11-12 12-13 16-30 17-25 19-20
exact bonds :
  3-17 11-16 13-14 13-15

```

G1:O,N

G2:[*1],[*2]

```

Match level :
  1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom 11:Atom
  12:Atom 13:Atom 14:CLASS 15:CLASS 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS
  25:CLASS 26:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS

```